

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Beecroft et al.

**Application No.:** 10/712,218

**Confirmation No.:** 8480

**Filed:** November 13, 2003

For: VIRTUAL TO PHYSICAL MEMORY  
MAPPING IN NETWORK INTERFACES

**Group:** 2186

**Examiner:** Not Yet Known

**Our File:** SHP-PT080

**Date:** June 22, 2004

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form.

Reference AG is provided in the German language, and reference AD is provided as its English language equivalent. Pursuant to Pre-Official Gazette Notice signed July 11, 2003 waiving the requirements under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003, copies of the cited U.S. documents have not been included. Copies of all other cited references are enclosed.

**Applicant:** Beecroft et al.  
**Application No.:** 10/712,218

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

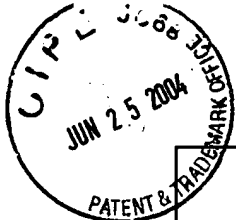
Beecroft et al.

By 

Robert J. Ballarini  
Registration No. 48,684  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

RJB/pp  
Enclosures (3)



|  |                                  |                          |
|--|----------------------------------|--------------------------|
| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>SHP-PT080    | SERIAL NO.<br>10/712,218 |
|  | APPLICANT<br>Beecroft et al.     |                          |
|  | FILING DATE<br>November 13, 2003 | GROUP<br>2186            |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | NAME           | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|---------------------|----|-----------------|---------|----------------|-------|----------|-------------------------------|
|                     | AD | 5,696,925       | 12/1997 | Koh            |       |          |                               |
|                     | AE | 5,956,756       | 09/1999 | Khalidi et al. |       |          |                               |
|                     | AF | 6,195,674       | 02/2001 | Elbourne et al |       |          |                               |
|                     |    |                 |         |                |       |          |                               |
|                     |    |                 |         |                |       |          |                               |
|                     |    |                 |         |                |       |          |                               |
|                     |    |                 |         |                |       |          |                               |
|                     |    |                 |         |                |       |          |                               |
|                     |    |                 |         |                |       |          |                               |
|                     |    |                 |         |                |       |          |                               |
|                     |    |                 |         |                |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|---------|---------|-------|----------|-------------|----|
|  |    |                 |         |         |       |          | YES         | NO |
|  | AG | 4,305,860 A1    | 09/1993 | DE      |       |          | AD          |    |
|  | AH | 1,035,475 A1    | 02/2000 | EP      |       |          |             |    |
|  |    |                 |         |         |       |          |             |    |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.